

BICYCLE HUB DYNAMO WITH A FREEWHEEL

ABSTRACT OF THE DISCLOSURE

A bicycle hub dynamo comprises a hub spindle adapted to be mounted to a frame of the bicycle; a hub body disposed around the hub spindle, wherein the hub body has a pair of axially spaced hub flanges; a plurality of bearings disposed between the hub body and the hub spindle for rotatably supporting the hub body relative to the hub spindle; and a generator disposed between the hub body and the hub spindle, wherein the generator generates electricity in response to rotation of the hub body relative to the hub spindle. A freewheel is disposed on a first side of the hub body, wherein the freewheel is adapted to mount a plurality of sprockets.